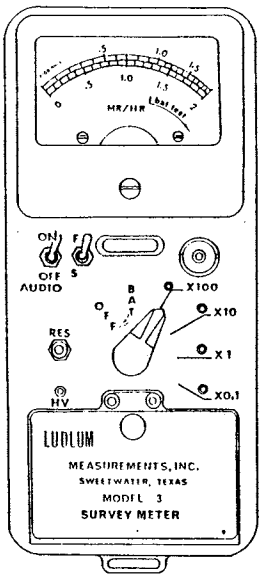
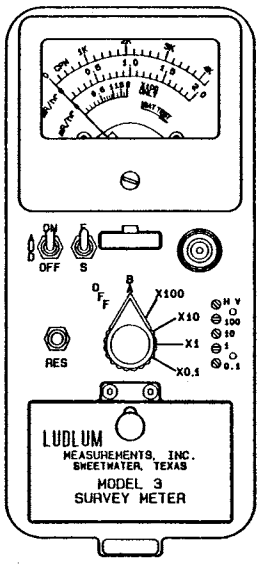
INSTRUMENT CHANGE June 1988

We have changed the calibration pots on most all of our portable survey instruments. In the past, most all of our external calibration settings have been located on the face of the instrument as shown in the illustration below. Recently, we have changed or relocated these settings beneath a protected calibration cover which is also located on the external face of the instrument. This concealment allows for a more secure calibration settings and these new controls capacitate 20 turns as compared to 1 turn for the previous model, thus, improving the control resolution. Also, on the new LMI Models 12, 16 and 18, a new High Voltage calibration pot has been located on the front panel for convenience. The HV can be adjusted from approximately 200 to 2400 volts and may be easily checked by using the new Push button which is located on the instrument face; this procedure will display the calibrated readout of the HV setting on the meter dial.

OLD LMI SURVEY METER

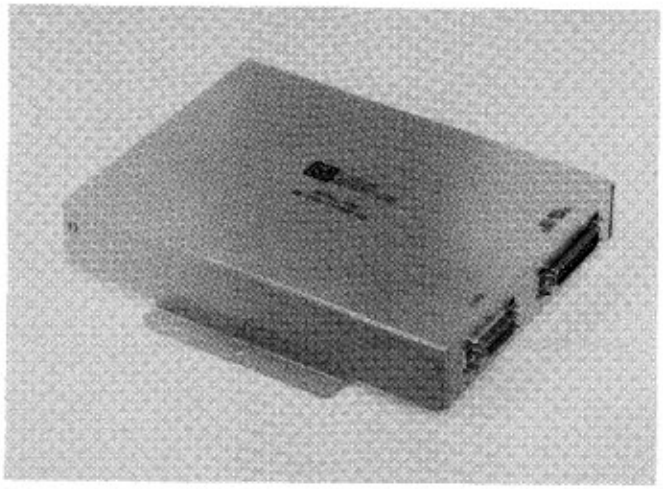




NEW LMI SURVEY METER

June 1988

LUDLUM MODEL 464



The LMI Model 464 integrates our 2000 series scaler ratemeters equipped with the Ludlum 15-pin data port with a controller/recorder (usually a computer). The computer must possess an I/O (input/output) port meeting the RS-232c standard specs in order for these two instruments to communicate. However, the only requirement for the computer is that it have a RS-232 serial port.

The timed count rate reading can be recorded in the computer memory. The data out of the M 464 conforms to the ascii standard, e.g., the set {48,49,...57} is the ascii code for the numerals 1 through 9. The computer keyboard may control (via a program such as C, BASIC or FORTRAN) the count and hold button on the 2000 series front panel. The timed count thumb wheel switches may be over ridden by the Model 464 which may be programmed to set up a timed count of up to 4.5 days, thus relinquishing the interface to run asyncronously with the computer. The programable time feature expands the maximum possible timed count by 6.5 times.

For more technical information about this new product, contact Michael Marcial at 915/235-5494.

ADDRESSES